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(FILE 'HOME' ENTERED AT 08:08:09 ON 29 NOV 2006)

FILE 'REGISTRY' ENTERED AT 08:08:32 ON 29 NOV 2006

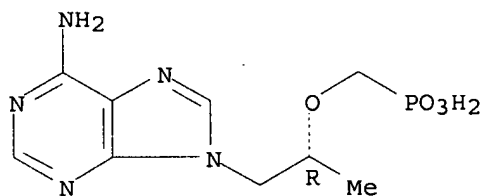
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      SET LINE 250
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      E "9-[2-(PHOSPHONOMETHOXY)PROPYL]ADENINE)"/CN 25
      E "PMPA"/CN 25
      SET NOTICE 1000 SEARCH
L1      1 SEA ABB=ON  PLU=ON  "PMPA PRODRUG"/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L1 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "PMPA"/CN 25
      E "PMEA"/CN 25
      E "PMEA PRODRUG"/CN 25
L2      1 SEA ABB=ON  PLU=ON  PMEA/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L2 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "PMEA PRODRUG"/CN 25
      E "PMPA"/CN 25
L3      3 SEA ABB=ON  PLU=ON  PMPA/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L3 1 SQIDE
      SET NOTICE LOGIN DISPLAY
      SET NOTICE LOGIN SEARCH
L4      0 SEA ABB=ON  PLU=ON  CAPLUS

FILE 'CAPLUS' ENTERED AT 08:12:21 ON 29 NOV 2006
L5      2 SEA ABB=ON  PLU=ON  202138-50-9/ANST
      D L5 IBIB ABS 1-2
L6      13 SEA ABB=ON  PLU=ON  106941-25-7/ANST
      D L6 IBIB ABS 1-16
L7      520 SEA ABB=ON  PLU=ON  106941-25-7/BIOL
L8      82 SEA ABB=ON  PLU=ON  L7 (S) PRODRUG
L9      59 SEA ABB=ON  PLU=ON  L8 AND (VIRAL OR VIRUS OR TUMOR)
L10     6 SEA ABB=ON  PLU=ON  L9 AND (ORGAN? OR TISSUE?)
      D L10 IBIB ABS 1-10
L11     477 SEA ABB=ON  PLU=ON  147127-20-6/BIOL
L12     420 SEA ABB=ON  PLU=ON  L11 AND (VIRUS OR VIRAL OR TUMOR OR
      CANCER?)
L13     40 SEA ABB=ON  PLU=ON  L12 AND (ORGAN? OR TISSUE?)
L14     2 SEA ABB=ON  PLU=ON  L13 NOT PY>2000
      D L14 IBIB ABS 1-2
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FILE HO

L3 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 147127-20-6 REGISTRY
 CN Phosphonic acid, [[[1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-
 (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphonic acid, [[2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, (R)-
 OTHER NAMES:
 CN (R)-9-(2-Phosphonomethoxypropyl)adenine
 CN GS 1275
 CN GS 1278
 CN PMPA
 CN Tenefovir
 CN Tenofovir
 FS STEREOSEARCH
 MF C9 H14 N5 O4 P
 CI COM
 SR CA
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BEILSTEIN*, BIOSIS,
 BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, EMBASE,
 IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MRCK*, PHAR, PROMT, PROUSDDR,
 PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES
 (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)
 RLD.NP Roles for non-specific derivatives from non-patents: PREP
 (Preparation); PRP (Properties)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

. 500 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 503 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 106941-25-7 REGISTRY
CN Phosphonic acid, [[2-(6-amino-9H-purin-9-yl)ethoxy)methyl]- (9CI) (CA
INDEX NAME)

OTHER NAMES:

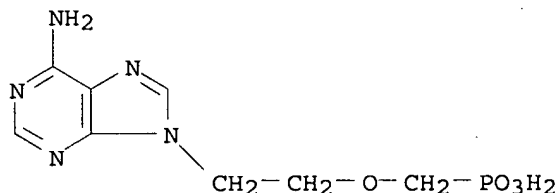
CN 9-(2-Phosphonylmethoxyethyl)adenine
CN 9-[2-(Phosphonomethoxy)ethyl]adenine
CN Adefovir
CN GS 0393
CN PMEA
MF C8 H12 N5 O4 P
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BEILSTEIN*, BIOSIS,

BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU,
DRUGU, EMBASE, IMSDRUGNEWS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR,
PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2,
USPATFULL

(*File contains numerically searchable property data)

Other Sources: WHO

DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); FORM (Formation, nonpreparative); PREP (Preparation); PROC
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
study); FORM (Formation, nonpreparative); PREP (Preparation); PROC
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

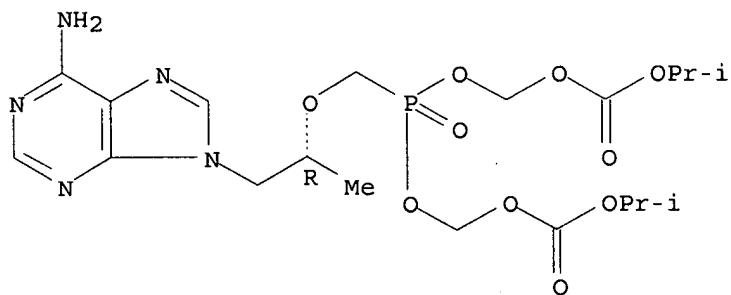
599 REFERENCES IN FILE CA (1907 TO DATE)
26 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
601 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 202138-50-9 REGISTRY
 CN 2,4,6,8-Tetraoxa-5-phosphanonanedioic acid, 5-[[[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, bis(1-methylethyl) ester, 5-oxide, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2,4,6,8-Tetraoxa-5-phosphanonanedioic acid, 5-[[2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, bis(1-methylethyl) ester, 5-oxide, (R)-, (E)-2-butenedioate (1:1)
 OTHER NAMES:
 CN GS 4331-05
 CN PMPA Prodrug
 CN Tenofovir DF
 CN Tenofovir disoproxil fumarate
 CN Virea
 CN Viread
 FS STEREOSEARCH
 DR 302599-67-3
 MF C19 H30 N5 O10 P . C4 H4 O4
 CI COM
 SR CA
 LC STN Files: . ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CBNB, DDFU, DRUGU, EMBASE, HSDB*, IMSPATENTS, IMSRESEARCH, IPA, MRCK*, PATDPASPC, PHAR, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

CM 1

CRN 201341-05-1
 CMF C19 H30 N5 O10 P

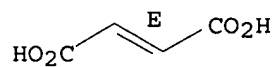
Absolute stereochemistry.



CM 2

CRN 110-17-8
 CMF C4 H4 O4

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

155 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

155 REFERENCES IN FILE CAPLUS (1907 TO DATE)